

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050347

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C45/50 C07C47/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/020381 A (E. I. DU PONT DE NEMOURS AND COMPANY) 11 March 2004 (2004-03-11)	1,3,4, 10-13
A	Seiten 6-8, Liganden 1-12; claims 1-11; examples 3-15	2,5-9
A	US 4 599 206 A (BILLIG ET AL) 8 July 1986 (1986-07-08) claims 1-5	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"G" document member of the same patent family

Date of the actual completion of the international search

7 June 2005

Date of mailing of the international search report

15/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5918 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kleidernigg, O

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP2005/050347

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004020381	A	11-03-2004	US 6664427 B1 EP 1534657 A1 WO 2004020381 A1	16-12-2003 01-06-2005 11-03-2004
US 4599206	A	08-07-1986	AT 83230 T AU 617362 B2 AU 2278888 A AU 579144 B2 AU 3997085 A BR 8505278 A CA 1262915 A1 CA 1264055 A2 CS 8501091 A2 DE 3586878 D1 DE 3586878 T2 DK 473485 A EP 0155508 A1 ES 8609185 A1 ES 8701140 A1 ES 8706480 A1 FI 854059 A ,B, HU 41724 A2 HU 202176 B JP 6045633 B JP 61501268 T KR 9210519 B1 KR 9203119 B1 MX 164254 B NO 854113 A NO 165915 B PL 251973 A1 PL 151491 B1 RO 92321 A1 SG 32193 G WO 8503702 A1 US 4789753 A US 4737588 A US 4717775 A YU 22585 A1 CN 85104683 A ,B IN 164243 A1 SU 1516007 A3 ZA 8501189 A	15-12-1992 28-11-1991 19-01-1989 17-11-1988 10-09-1985 18-02-1986 14-11-1989 27-12-1989 12-02-1990 21-01-1993 24-06-1993 11-12-1985 25-09-1985 16-12-1986 16-02-1987 16-09-1987 17-10-1985 28-05-1987 28-02-1991 15-06-1994 26-06-1986 04-12-1992 20-04-1992 27-07-1992 16-10-1985 21-01-1991 29-07-1986 28-09-1990 31-08-1987 21-05-1993 29-08-1985 06-12-1988 12-04-1988 05-01-1988 29-02-1988 24-12-1986 04-02-1989 15-10-1989 25-09-1985